

## INTERNATIONAL SEARCH REPORT

IB2004/051316

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G05D19/02 G03F7/20 F16F7/10 F16F15/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G05D G03F F16F H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 038 013 A (OHSAKI TATSUYA) 14 March 2000 (2000-03-14) column 6, line 25 – column 7, line 40 column 11, line 42 – column 12, line 14 column 13, line 18 – column 14, line 58; figures 1,5	1-5
X	US 2003/090645 A1 (KATO HIROAKI) 15 May 2003 (2003-05-15) paragraphs '0060! – '0062!, '0076! – '0112!, '0137! – '0140!; figures 1-4,6	1-5
X	US 6 155 542 A (KATO HIROAKI ET AL) 5 December 2000 (2000-12-05) column 1, line 31 – column 1, line 56 column 4, line 36 – column 6, line 38; figures 1,6	1-5



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## • Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

6 October 2004

Date of mailing of the International search report

15/10/2004

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6038013	A	14-03-2000	JP	10112433 A		28-04-1998
US 2003090645	A1	15-05-2003	JP	2003148552 A		21-05-2003
US 6155542	A	05-12-2000	JP	9184537 A		15-07-1997